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        (FILE 'USPAT' ENTERED AT 16:12:32 ON 15 APR 1999)
L1        163 S DOCUMENT CREATION
L2        740 S L1 AND INTERNET OR WORLD WIDE (W) WEB
L3        582 S L2 AND SERVER
L4        379 S L3 AND CLIENT
L5        104 S L4 AND PRINTER
L6          1 S L5 AND AUTHORING PROGRAM
L7         34 S L5 AND PROGRAMMING LANGUAGE
L8          0 S L7 AND 707/530/CCLS
L9         19 S L7 AND 707/CLAS
L10       359 S L2 AND IMAGE
L11        82 S L10 AND GIF
L12        11 S L11 AND TIFF
L13        10 S L12 AND JPEG
L14        50 S L3 AND POSTSCRIPT
L15         0 S L14 AND IMAGE RESOLUTION
L16        44 S L14 AND IMAGE
L17        15 S L16 AND RESOLUTION

=> d 113 1-10
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1. 5,870,549, Feb. 9, 1999, Systems and methods for storing, delivering, and managing messages; Charles R. Bobo, II, 348/14, 17; 358/400, 402 [IMAGE AVAILABLE]

2. 5,867,633, Feb. 2, 1999, Method and apparatus for processing and printing documents; Robert B. Taylor, III, et al., 395/109, 114, 827 [IMAGE AVAILABLE]

3. 5,848,415, Dec. 8, 1998, Selective multiple protocol transport and dynamic format conversion in a multi-user network; Randal Lee Guck, 707/10, 103; 709/303 [IMAGE AVAILABLE]

4. 5,845,299, Dec. 1, 1998, Draw-based editor for web pages; Samir Arora, et al., 707/513; 345/339, 352; 707/502, 517 [IMAGE AVAILABLE]

5. 5,809,145, Sep. 15, 1998, System for distributing digital information; David Slik, et al., 380/25; 713/201 [IMAGE AVAILABLE]

6. 5,760,917, Jun. 2, 1998, **Image** distribution method and system; Keith Holden Sheridan, 358/442; 348/211; 358/403, 408, 527, 909.1; 379/93.02; 399/8; 709/218; 713/201 [IMAGE AVAILABLE]

7. 5,758,324, May 26, 1998, Resume storage and retrieval system; Richard L. Hartman, et al., 705/1 [IMAGE AVAILABLE]

8. 5,754,766, May 19, 1998, Integrated circuit system for direct document execution; Venson M. Shaw, et al., 395/200.3; 707/500, 526; 712/1 [IMAGE AVAILABLE]

9. 5,708,826, Jan. 13, 1998, Apparatus and method for converting

presentation data; Katayoshi Ikeda, et al., 707/501; /334, 348, 354; 707/513, 523 [IMAGE AVAILABLE]

(10) 5,675,507, Oct. 7, 1997, Message storage and delivery system; Charles R. Bobo, II, 395/200.36; 340/825.44; 348/17; 358/400; 379/93.24, 100.01 [IMAGE AVAILABLE]

=> d 114 1-50

1. 5,892,909, Apr. 6, 1999, Intranet-based system with methods for co-active delivery of information to multiple users; Charles A. Grasso, et al., 709/201 [IMAGE AVAILABLE]

2. 5,892,900, Apr. 6, 1999, Systems and methods for secure transaction management and electronic rights protection; Karl L. Ginter, et al., 713/200 [IMAGE AVAILABLE]

3. 5,889,951, Mar. 30, 1999, Systems, methods, and computer program products for accessing, leasing, relocating, constructing and modifying internet sites within a multi-dimensional virtual reality environment; Julian Lombardi, 709/219 [IMAGE AVAILABLE]

4. 5,887,216, Mar. 23, 1999, Method and system to diagnos a business office device based on operating parameters set by a user; Tetsuro Motoyama, 399/8; 395/114; 399/9, 43 [IMAGE AVAILABLE]

5. 5,884,032, Mar. 16, 1999, System for coordinating communications via customer contact channel changing system using call centre for setting up the call between customer and an available help agent; Thomas Howard Bateman, et al., 370/356; 379/201, 209, 216, 265 [IMAGE AVAILABLE]

6. 5,884,014, Mar. 16, 1999, Fontless structured document image representations for efficient rendering; Daniel P. Huttenlocher, et al., 395/114, 102 [IMAGE AVAILABLE]

7. 5,878,408, Mar. 2, 1999, Data management system and process; Gary Alan Van Huben, et al., 707/1, 200 [IMAGE AVAILABLE]

8. 5,873,077, Feb. 16, 1999, Method and apparatus for searching for and retrieving documents using a facsimile machine; Toshio Kanoh, et al., 707/3; 370/352; 379/100.11; 382/306; 707/5 [IMAGE AVAILABLE]

9. 5,872,573, Feb. 16, 1999, Method and system for improving legibility of text and graphic objects laid over continuous-tone graphics; Frank Adegeest, 345/434 [IMAGE AVAILABLE]

10. 5,869,819, Feb. 9, 1999, Internet-based system and method for tracking objects bearing URL-encoded bar code symbols; Carl Harry Knowles, et al., 235/375 [IMAGE AVAILABLE]

11. 5,864,875, Jan. 26, 1999, Data management system for problems, releases and parts; Gary Alan Van Huben, et al., 707/200, 8, 10, 201, 203 [IMAGE AVAILABLE]

12. 5,864,870, Jan. 26, 1999, Method for storing/retrieving files of various formats in an object database using a virtual multimedia file system; Randal Lee Guck, 707/104, 100, 101, 103 [IMAGE AVAILABLE]

13. 5,864,863, Jan. 26, 1999, Method for parsing, indexing and searching **world-wide-web** pages; Michael Burrows, 707/103, 3, 10, 104 [IMAGE AVAILABLE]

14. 5,864,852, Jan. 26, 1999, Proxy **server** caching mechanism that provides a file directory structure and a mapping mechanism within the

various communicatio⬤rotocols; Gary Kremen, et al., ⬤5/200.48, 500; 707/10; 709/206, 230⬤46; 710/105 [IMAGE AVAILABLE] ⬤

49.   5,657,390, Aug. 12, 1997, Secure socket layer application program apparatus and method; Taher Elgamal, et al., 380/49, 4, 25 [IMAGE AVAILABLE]

50.   5,568,248, Oct. 22, 1996, Black and white reproducible pattern highlight color printing; John S. Wagley, 399/156 [IMAGE AVAILABLE]

=> d 117 1-15

1.   5,892,909, Apr. 6, 1999, Intranet-based system with methods for co-active delivery of information to multiple users; Charles A. Grasso, et al., 709/201 [IMAGE AVAILABLE]

2.   5,892,900, Apr. 6, 1999, Systems and methods for secure transaction management and electronic rights protection; Karl L. Ginter, et al., 713/200 [IMAGE AVAILABLE]

3.   5,889,951, Mar. 30, 1999, Systems, methods, and computer program products for accessing, leasing, relocating, constructing and modifying internet sites within a multi-dimensional virtual reality environment; Julian Lombardi, 709/219 [IMAGE AVAILABLE]

4.   5,884,014, Mar. 16, 1999, Fontless structured document **image** representations for efficient rendering; Daniel P. Huttenlocher, et al., 395/114, 102 [IMAGE AVAILABLE]

5.   5,873,077, Feb. 16, 1999, Method and apparatus for searching for and retrieving documents using a facsimile machine; Toshio Kanoh, et al., 707/3; 370/352; 379/100.11; 382/306; 707/5 [IMAGE AVAILABLE]

6.   5,872,573, Feb. 16, 1999, Method and system for improving legibility of text and graphic objects laid over continuous-tone graphics; Frank Adegeest, 345/434 [IMAGE AVAILABLE]

7.   5,860,074, Jan. 12, 1999, Method and apparatus for displaying an electronic document with text over object; Edward R. Rowe, et al., 707/526; 345/346, 355; 707/10, 104, 501, 502, 513, 528 [IMAGE AVAILABLE]

8.   5,848,413, Dec. 8, 1998, Method and apparatus for accessing and publishing electronic documents; Gregory J. Wolff, 707/10; 358/448; 707/3 [IMAGE AVAILABLE]

9.   5,838,906, Nov. 17, 1998, Distributed hypermedia method for automatically invoking external application providing interaction and display of embedded objects within a hypermedia document; Michael D. Doyle, et al., 395/200.32; 345/326, 346; 707/501, 513, 515, 516; 709/218, 300, 305 [IMAGE AVAILABLE]

10.   5,838,458, Nov. 17, 1998, Method and apparatus for linking designated portions of a received document **image** with an electronic address; Irving Tsai, 358/402, 440, 442, 453, 468 [IMAGE AVAILABLE]

11.   5,819,301, Oct. 6, 1998, Method and apparatus for reading multi-page electronic documents; Edward R. Rowe, et al., 707/513, 10, 104, 200, 501, 527, 911 [IMAGE AVAILABLE]

12.   5,781,785, Jul. 14, 1998, Method and apparatus for providing an optimized document file of multiple pages; Edward R. Rowe, et al., 707/513, 10, 200, 517, 526, 907, 911 [IMAGE AVAILABLE]

13.   5,781,714, Jul. 14, 1998, Apparatus and methods for creating and

using portable fonts; John S. Collins, et al., 345/47█ [IMAGE AVAILABLE]

14. 5,764,235, Jun. 9, 1998, Computer implemented method and system for transmitting graphical images from **server** to client at user selectable **resolution**; William J. Hunt, et al., 345/428, 329 [IMAGE AVAILABLE]

15. 5,737,599, Apr. 7, 1998, Method and apparatus for downloading multi-page electronic documents with hint information; Edward R. Rowe, et al., 707/104, 10, 200, 500, 501, 513, 526, 900 [IMAGE AVAILABLE]

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L9          19 S L7 AND 707/CLAS

=> d 16
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1. 5,860,073, Jan. 12, 1999, Style sheets for publishing system; Patrick
J. Ferrel, et al., 707/522, 513, 516, 526 [IMAGE AVAILABLE]

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=> d 17 1-34
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1. 5,893,118, Apr. 6, 1999, Method for managing globally distributed
software components; Kelly E. Sonderegger, 707/203, 200, 204 [IMAGE
AVAILABLE]

2. 5,893,109, Apr. 6, 1999, Generation of chunks of a long document for
an electronic book system; Steven J. DeRose, et al., 707/104, 10, 102
[IMAGE AVAILABLE]

③ 5,892,900, Apr. 6, 1999, Systems and methods for secure transaction
management and electronic rights protection; Karl L. Ginter, et al.,
713/200 [IMAGE AVAILABLE]

4. 5,884,078, Mar. 16, 1999, System, method and article of manufacture
for creating an object oriented component having multiple bidirectional
ports for use in association with a java application or applet; Antony
Azio Faustini, 395/701, 702 [IMAGE AVAILABLE]

5. 5,884,014, Mar. 16, 1999, Fontless structured document image
representations for efficient rendering; Daniel P. Huttenlocher, et al.,
395/114, 102 [IMAGE AVAILABLE]

6. 5,881,230, Mar. 9, 1999, Method and system for remote automation of
object oriented applications; Erik B. Christensen, et al., 709/203 [IMAGE
AVAILABLE]

7. 5,877,757, Mar. 2, 1999, Method and system for providing user help
information in network applications; Wayne Ross Baldwin, et al., 345/336;
707/501 [IMAGE AVAILABLE]

8. 5,870,767, Feb. 9, 1999, Method and system for rendering hyper-link
information in a printable medium from a graphical user interface; George
Kraft, IV, 707/501, 512, 513, 537 [IMAGE AVAILABLE]

9. 5,870,719, Feb. ⬤1999, Platform-independent, us⬤-independent, and access-independent d⬤ributed quote configuraton sys⬤; L.M. Maritzen, et al., 705/26; 345/329, 333, 334, 335; 364/400; 705/35; 707/104 [IMAGE AVAILABLE]

10. 5,867,495, Feb. 2, 1999, System, method and article of manufacture for communications utilizing calling, plans in a hybrid network; Isaac K. Elliott, et al., 370/352, 389, 392; 379/90.01, 93.07, 114, 144 [IMAGE AVAILABLE]

11. 5,867,494, Feb. 2, 1999, System, method and article of manufacture with integrated video conferencing billing in a communication system architecture; Sridhar Krishnaswamy, et al., 370/352, 389, 392; 379/90.01, 93.07, 114 [IMAGE AVAILABLE]

12. 5,862,325, Jan. 19, 1999, Computer-based communication system and method using metadata defining a control structure; Drummond Shattuck Reed, et al., 395/200.31, 200.42, 200.58, 200.72, 200.74; 707/10, 203, 204 [IMAGE AVAILABLE]

13. 5,848,413, Dec. 8, 1998, Method and apparatus for accessing and publishing electronic documents; Gregory J. Wolff, 707/10; 358/448; 707/3 [IMAGE AVAILABLE]

14. 5,848,246, Dec. 8, 1998, Object-oriented system, method and article of manufacture for a **client-server** session manager in an interprise computing framework system; Sheri L. Gish, 395/200.58; 709/203, 218 [IMAGE AVAILABLE]

15. 5,842,020, Nov. 24, 1998, System, method and article of manufacture for providing dynamic user editing of object oriented components used in an object oriented applet or application; Antony Azio Faustini, 395/701; 345/333, 334, 340, 967; 395/702 [IMAGE AVAILABLE]

16. 5,832,505, Nov. 3, 1998, Computer system for managing and configuring application properties and enabling system administrator to override certain user-set or host properties; Chris S. Kasso, et al., 707/104, 1, 100 [IMAGE AVAILABLE]

17. 5,819,092, Oct. 6, 1998, Online service development tool with fee setting capabilities; Charles H. Ferguson, et al., 395/701; 705/39 [IMAGE AVAILABLE]

18. 5,815,657, Sep. 29, 1998, System, method and article of manufacture for network electronic authorization utilizing an authorization instrument; Humphrey Williams, et al., 235/380; 705/41 [IMAGE AVAILABLE]

19. 5,793,964, Aug. 11, 1998, Web browser system; Richard Michael Rogers, et al., 395/200.32; 709/249 [IMAGE AVAILABLE]

20. 5,790,855, Aug. 4, 1998, System, method and article of manufacture for type checking appropriateness of port connection and variable type matching in connection with multiport object-oriented components; Antony Azio Faustini, 395/701; 345/348 [IMAGE AVAILABLE]

21. 5,787,254, Jul. 28, 1998, Web browser method and system for display and management of **server** latency; John Maddalozzo, Jr., et al., 395/200.58; 707/501; 709/229 [IMAGE AVAILABLE]

22. 5,781,914, Jul. 14, 1998, Converting documents, with links to other electronic information, between hardcopy and electronic formats; David G. Stork, et al., 707/506, 501, 513 [IMAGE AVAILABLE]

23. 5,781,714, Jul. 14, 1998, Apparatus and methods for creating and using portable fonts; John S. Collins, et al., 345/471 [IMAGE AVAILABLE]